

Notice of Allowability

Application No.

09/724,387

Applicant(s)

INUKAI, KAZUTAKA

Examiner

Leonid Shapiro

Art Unit

2677

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment C, filed on 09/26/05.
2. ☒ The allowed claim(s) is/are 1-78.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
- ☒ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 9-28-05, 5-27-04, 11-13-02
- ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
- ☐ Examiner's Amendment/Comment
- ☒ Examiner's Statement of Reasons for Allowance
- ☐ Other _____

Allowable Subject Matter

1. Claims 1-74 allowed.

2. The following is an examiner's statement of reasons for allowance:

None of the cited references teaches or suggests an electronic device that includes: a first gate signal line driver circuit; a second gate signal line driver circuit; and wherein at least one of said plurality of pixels has an EL element, an EL driving TFT for controlling luminescence of the EL element, a switching TFT, and eliminating TFT for controlling said EL driving TFT, wherein said switching TFT is controlled by said first gate signal line driver circuit, wherein said eliminating TFT is controlled by said second gate signal line driver circuit, and wherein a pay-scale display is performed by controlling a luminescing time of said plurality of EL elements, as disclosed in claims 1, 7, 13, 22, 30, 41, 49. The closest art (Yamada et al, Sano) disclose electronic devices, either singularly or in combination fail to anticipate suggest these limitations obvious.

None of the cited references teaches or suggests an electronic device that includes: a first gate signal line driver circuit; a second gate signal line driver circuit; wherein at least one of the pixels comprises at least a first TFT electrically connected to the first gate signal line driver circuit, and a second TFT electrically connected to the second gate signal line driver circuit, wherein said plurality of pixels have a plurality of EL elements, and wherein respective drives of said plurality of EL elements are controlled by a digital data signal outputted from said

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source signal line driver circuit, a first selecting signal outputted from said first gate signal line driver circuit and a second selecting signal outputted from said second gate signal line driver circuit., as disclosed in claims 60, 64. The closest art (Yamada et al, Sano) disclose electronic devices, either singularly or in combination fail to anticipate suggest these limitations obvious.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Telephone Inquire

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leonid Shapiro whose telephone number is 571-272-7683. The examiner can normally be reached on 8 a.m. to 5 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amr Awad can be reached on 571-272-7764. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LS
01.03.06

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PRIMARY EXAMINER
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